

Environmental Protection Agency

§ 420.107

SUBPART J

Pollutant or pollutant property	Pretreatment standards for new sources	
	Maximum for any one day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
Chromium ¹	0.0000209	0.0000084
Lead	0.0000094	0.0000031
Nickel ¹	0.0000188	0.0000063
Zinc	0.0000063	0.0000021
Naphthalene	0.0000021
Tetrachloroethylene	0.0000031

¹ The limitations for chromium and nickel shall be applicable in lieu of those for lead and zinc when cold forming wastewaters are treated with descaling or combination acid pickling wastewasters.

[47 FR 23284, May 27, 1982, as amended at 49 FR 21035, May 17, 1984]

§ 420.107 Effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional technology (BCT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best conventional technology.

(a) *Cold rolling mills*—(1) *Recirculation—single stand*.

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Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.00125	0.000626
O&G	0.000522	0.000209
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

(2) *Recirculation—multiple stands*.

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Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.00626	0.00313
O&G	0.00261	0.00104
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

(3) *Combination*.

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Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0751	0.0376
O&G	0.0313	0.0125
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

(4) *Direct application—single stand*.

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Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0225	0.0113
O&G	0.00939	0.00376
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

(5) *Direct application—multiple stands*.

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Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.100	0.0501
O&G	0.0417	0.0167
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

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(b) *Cold worked pipe and tube*—(1) *Using water.*

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Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS	0.00125	0.000626
O&G	0.000522	0.000209
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0

(2) *Using oil solutions.*

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Pollutant or pollutant property	BCT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	kg/kg (pounds per 1,000 lb) of product	
TSS	0.00125	0.000626
O&G	0.000522	0.000209
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0

[47 FR 23284, May 27, 1982, as amended at 49 FR 21035, May 17, 1984]

Subpart K—Alkaline Cleaning Subcategory

§ 420.110 Applicability; description of the alkaline cleaning subcategory.

The provisions of this subpart are applicable to discharges and to the introduction of pollutants into publicly owned treatment works resulting from operations in which steel and steel products are immersed in alkaline cleaning baths to remove mineral and animal fats or oils from the steel, and those rinsing operations which follow such immersion.

§ 420.111 Specialized definitions.

(a) The term *batch* means those alkaline cleaning operations which process steel products such as coiled wire, rods, and tubes in discrete batches or bundles.

(b) The term *continuous* means those alkaline cleaning operations which

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process steel products other than in discrete batches or bundles.

§ 420.112 Effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available (BPT).

Except as provided in 40 CFR 125.30 through 125.32, any existing point source subject to this subpart must achieve the following effluent limitations representing the degree of effluent reduction attainable by the application of the best practicable control technology currently available.

(a) *Batch.*

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Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of product	
TSS	0.0730	0.0313
O&G	0.0313	0.0104
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

(b) *Continuous.*

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Pollutant or pollutant property	BPT effluent limitations	
	Maximum for any 1 day	Average of daily values for 30 consecutive days
	Kg/kg (pounds per 1,000 lb) of products	
TSS	0.102	0.0438
O&G	0.0438	0.0146
pH	(¹)	(¹)

¹ Within the range of 6.0 to 9.0.

§ 420.113 Effluent limitations representing the degree of effluent reduction attainable by the application of the best available technology economically achievable (BAT).

The Agency has determined that there are not significant quantities of toxic pollutants in alkaline cleaning wastewaters after compliance with applicable BPT limitations. Accordingly,